L Number	Hits	Search Text	DB	Time stamp
_	5301148	aluminum or al or copper or cu or silicon	USPAT;	2004/09/06 15:38
		or si or polysi or polysilicon or (poly or	US-PGPUB;	
		polycrystal\$4) adj2 (si or silicon)	EPO; JPO; DERWENT;	
			IBM TDB	
_	922075	oxidi\$5 or oxidat\$4 or nitridi\$4 or	USPAT;	2004/09/06 15:37
	3220,4	nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4	EPO; JPO;	
			DERWENT;	
	5004540		IBM_TDB	0004/00/00 14:35
-	5381543	anneal\$4 or heat\$4 or treat\$4	USPAT; US-PGPUB;	2004/09/02 14:35
	•		EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	9119385	oxygen or "o.sub.2" or "o" or hydrogen or	USPĀT;	2004/09/02 14:39
		"h.sub.2" or "h" or fluorine or "f.sub.2"	US-PGPUB;	
		or "f" or halogen	EPO; JPO;	
			DERWENT; IBM TDB	
	7278429	sidewall or wall or side or spacer	USPAT;	2004/09/06 15:39
	1210425	Sidewall of wall of Side of Spacer	US-PGPUB;	2001/03/00 20.03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	102865	(aluminum or al or copper or cu or silicon	USPAT;	2004/09/02 15:04
		or si or polysi or polysilicon or (poly or	US-PGPUB;	
		polycrystal\$4) adj2 (si or silicon)) with ((oxidi\$5 or oxidat\$4 or nitridi\$4 or	EPO; JPO; DERWENT;	
	•	nitridat\$4 or nitrided or hydrogenat\$4 or	IBM TDB	
		fluorinat\$4) or (anneal\$4 or heat\$4 or		
		treat\$4)) with (oxygen or "o.sub.2" or "o"		
		or hydrogen or "h.sub.2" or "h" or		
		fluorine or "f.sub.2" or "f" or halogen)		0004/00/00 14.57
-	263608	_ `	USPAT; US-PGPUB;	2004/09/02 14:57
		or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with	EPO; JPO;	
		(sidewall or wall or side or spacer)	DERWENT;	
			IBM_TDB	
-	4456020	opening or hole or aperture	USPAT;	2004/09/03 17:41
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	17342	((aluminum or al or copper or cu or	USPAT;	2004/09/02 14:58
		silicon or si or polysi or polysilicon or	US-PGPUB;	
		(poly or polycrystal\$4) adj2 (si or	EPO; JPO;	
		silicon)) with ((oxidi\$5 or oxidat\$4 or	DERWENT;	
		nitridi\$4 or nitridat\$4 or nitrided or	IBM_TDB	
		hydrogenat\$4 or fluorinat\$4) or (anneal\$4 or heat\$4 or treat\$4)) with (oxygen or		
		"o.sub.2" or "o" or hydrogen or "h.sub.2"		
		or "h" or fluorine or "f.sub.2" or "f" or		
		halogen)) and ((aluminum or al or copper		
		or cu or silicon or si or polysi or		
		polysilicon or (poly or polycrystal\$4)		
		adj2 (si or silicon)) with (sidewall or		
_	39624	wall or side or spacer)) (aluminum or al or copper or cu or silicon	USPAT;	2004/09/02 15:05
	3,9024	or si or polysi or polysilicon or (poly or	US-PGPUB;	
		polycrystal\$4) adj2 (si or silicon)) with	EPO; JPO;	
		(remov\$4 or etch\$4) with (opening or hole	DERWENT;	
		or aperture)	IBM_TDB	

Contact adj4 (opening or hole or aperture)	3 17:43
(poly or polycrystal\$4) adj2 (si or silicon)) with ((oxidi\$5 or oxidat\$4 or nitridi\$4 or nitridat\$4 or nitrided or hydrogenat\$4 or fluorinat\$4) or (anneal\$4 or heat\$4 or treat\$4)) with (oxygen or "o.sub.2" or "o" or hydrogen or "h.sub.2" or "h" or fluorine or "f.sub.2" or "f" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polysrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or silicon) with (remov\$4 or etch\$4) with (opening or hole or aperture) - 10597 (aluminum or al or copper or cu or silicon or ior polysi or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture) - 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture) - 1036 ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture) - 1036 ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or silicon or si or polysi or polysilicon or (poly or polysilicon or si or polysilicon o	
silicon)) with ((oxidi\$5 or oxidat\$4 or nitridi\$4 or nitridat\$4 or nitrided or hydrogenat\$4 or fluorinat\$4) or (anneal\$4 or heat\$4 or treat\$4)) with (oxygen or "o.sub.2" or "o" or hydrogen or "h.sub.2" or "h" or fluorine or "f.sub.2" or "f" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (opening or hole or aperture)) - 146646	
nitridi\$4 or nitridat\$4 or nitrided or hydrogenat\$4 or fluorinat\$4) or (anneal\$4 or heat\$4 or heat\$4 or treat\$4)) with (oxygen or "o.sub.2" or "o" or hydrogen or "h.sub.2" or "h" or fluorine or "f.sub.2" or "f" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) - 10597 (aluminum or al or copper or cu or silicon or si or polyscrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 (((aluminum or al or copper or cu or si or polysi or polysilicon or si or polysilico	
hydrogenat\$4 or fluorinat\$4) or (anneal\$4 or heat\$4 or treat\$4)) with (oxygen or "o.sub.2" or "h" or fluorine or "f.sub.2" or "h" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polycrystal\$4) adj2 (si or silicon) with or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon) or (poly or polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon) or silicon	
or heat\$4 or treat\$4)) with (oxygen or "o.sub.2" or "o" or hydrogen or "h.sub.2" or "h" or fluorine or "f.sub.2" or "f" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; (opening or hole or aperture)) ((aluminum or al or copper or cu or polycrystal\$4) adj2 (si or silicon)) with (vemov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) (((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	
"o.sub.2" or "o" or hydrogen or "h.sub.2" or "h" or fluorine or "f.sub.2" or "f" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) - 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon) or silicon or silicon or silicon or silicon or silicon or or silicon or silicon or or silicon or silicon or silicon or silicon or or silicon silicon or silicon silicon or silicon or silicon si	
or "h" or fluorine or "f.sub.2" or "f" or halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) - 146646 contact adj4 (opening or hole or aperture) - 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 ((aluminum or al or copper or cu or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or USPAT;	
halogen)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) - 146646 contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polycrystal\$4) adj2 (si or silicon) with (polycrystal\$4) adj2 (si or silicon) (polycrystal\$4) adj2 (si	
or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (your mov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture) (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or your move the polysi or polysilicon or your move the polysi or polysilicon or your move the polysi	
polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (sidewall or wall or side or spacer)) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (136) 1036 ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; 2004/09/02 US-PGPUB;	
adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture) 146646 contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) 1036 ((aluminum or al or copper or cu or silicon or (silicon)) with silicon or si or polysi or polysilicon or (silicon) or USPAT;	
wall or side or spacer))) and ((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) 146646 contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon or silicon or silicon or silicon or silicon or silicon or silicon) with (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon or sil	
polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture) 146646 contact adj4 (opening or hole or aperture) 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon)) with (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon)) with (contact adj4 (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon)) with (contact adj4 (opening or hole or aperture)) (copper or cu or silicon)) with (contact adj4 (opening or hole or aperture)) (copper or cu or silicon) visiting the polysilicon or visiting the polysilicon visiting v	
polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (opening or hole or aperture)) contact adj4 (opening or hole or aperture) contact adj4 (opening or hole or aperture) lose in contact adj4 (opening or hole or aperture) (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with polycrystal\$4) adj2 (si or silicon)) with (contact adj4 (opening or hole or aperture)) (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with (opening or hole or aperture)) silicon or si or polysi or polysilicon or US-PGPUB;	
(remov\$4 or etch\$4) with (opening or hole or aperture)) 146646 contact adj4 (opening or hole or aperture) 10597 contact adj4 (opening or hole or aperture) (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (pening or hole or aperture)) (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon or uspat; (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon or uspat; uspat; silicon or si or polysi or polysilicon or uspat; uspat; uspat; silicon or si or polysi or polysilicon or uspat;	
or aperture)) contact adj4 (opening or hole or aperture) 146646 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with (pening or hole or aperture)) (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture)) ((aluminum or al or copper or cu or silicon)) with opening or hole or aperture))	
- 146646 contact adj4 (opening or hole or aperture) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB - 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (composed or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 (((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or USPAT; US-PGPUB; 2004/09/02	
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; Or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 (((aluminum or al or copper or cu or silicon or silicon or silicon or silicon or polysilicon or US-PGPUB;	
- 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 (((aluminum or al or copper or cu or silicon or sil	2 15:07
- 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) - 1036 (((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or US-PGPUB; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 2004/09/02 EPO; JPO; DERWENT; IBM_TDB USPAT; DERWENT;	2 15:07
- 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or US-PGPUB; IBM_TDB	2 15:07
- 10597 (aluminum or al or copper or cu or silicon or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon or silicon or si or polysi or polysilicon or US-PGPUB;	2 15:07
or si or polysi or polysilicon or (poly or polycrystal\$4) adj2 (si or silicon)) with (remov\$4 or etch\$4) with (contact adj4 (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or silicon or si or polysi or polysilicon or US-PGPUB;	_ 10:07
polycrystal\$4) adj2 (si or silicon)) with EPO; JPO; (remov\$4 or etch\$4) with (contact adj4 DERWENT; (opening or hole or aperture)) IBM_TDB 1036 (((aluminum or al or copper or cu or silicon or si or polysilicon or US-PGPUB;	
(remov\$4 or etch\$4) with (contact adj4 DERWENT; (opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or Silicon or si or polysi or polysilicon or US-PGPUB;	
(opening or hole or aperture)) 1036 (((aluminum or al or copper or cu or USPAT; 2004/09/02 silicon or si or polysi or polysilicon or US-PGPUB;	
- 1036 (((aluminum or al or copper or cu or USPAT; 2004/09/02 silicon or si or polysi or polysilicon or US-PGPUB;	
silicon or si or polysi or polysilicon or US-PGPUB;	2 15:24
silicon)) with ((oxidi\$5 or oxidat\$4 or DERWENT;	
nitridi\$4 or nitridat\$4 or nitrided or IBM_TDB	
hydrogenat\$4 or fluorinat\$4) or (anneal\$4	
or heat\$4 or treat\$4)) with (oxygen or	
"o.sub.2" or "o" or hydrogen or "h.sub.2"	
or "h" or fluorine or "f.sub.2" or "f" or	
halogen)) and ((aluminum or al or copper	
or cu or silicon or si or polysi or	
polysilicon or (poly or polycrystal\$4)	
adj2 (si or silicon)) with (sidewall or wall or side or spacer))) and ((aluminum	
or al or copper or cu or silicon or si or	
polysi or polysilicon or (poly or	
polycrystal\$4) adj2 (si or silicon)) with	
(remov\$4 or etch\$4) with (contact adj4	
(opening or hole or aperture)))	
- 2002512 aluminum oxide or "al.sub.2 o.sub.3" or USPAT; 2004/09/02	2 15:26
"al.sub.2o.sub.3" US-PGPUB;	
EPO; JPO;	
DERWENT;	
IBM_TDB	2 15 22
- 1662540 oxide or dioxide or "sio" or "sio.sub.2" USPAT; 2004/09/02	2 15:28
or nitride or "si.sub.3 n.sub.4" or US-PGPUB;	
"si.sub.3n.sub.4" EPO; JPO; DERWENT;	
IBM TDB	
	2 15.28
- 31880 copper near2 oxide USPAT; 2004/09/02	
EPO; JPO;	
DERWENT;	
IBM TDB	
- 2272440 (aluminum oxide or "al.sub.2 o.sub.3" or USPAT; 2004/09/02	2 15:31
"al.sub.2o.sub.3") or (oxide or dioxide or US-PGPUB;	
"sio" or "sio.sub.2" or nitride or EPO; JPO;	
"si.sub.3 n.sub.4" or "si.sub.3n.sub.4") DERWENT;	
or (copper near2 oxide) IBM_TDB	

	-		· · ·	
_	132644	1 '	USPAT;	2004/09/02 15:39
		oxide or "al.sub.2 o.sub.3" or	US-PGPUB;	
		"al.sub.2o.sub.3") or (oxide or dioxide or "sio" or "sio.sub.2" or nitride or	EPO; JPO; DERWENT;	
		"si.sub.3 n.sub.4" or "si.sub.3n.sub.4")	IBM TDB	
		or (copper near2 oxide))) with (sidewall		
		or wall or side or spacer) with (aluminum		
		or al or copper or cu or silicon or si or		
		polysi or polysilicon or (poly or		
		polycrystal\$4) adj2 (si or silicon))		
-	2938		USPAT;	2004/09/02 15:39
		silicon or si or polysi or polysilicon or	US-PGPUB;	
		(poly or polycrystal\$4) adj2 (si or	EPO; JPO;	
		silicon)) with ((oxidi\$5 or oxidat\$4 or	DERWENT;	
		nitridi\$4 or nitridat\$4 or nitrided or	IBM_TDB	
		hydrogenat\$4 or fluorinat\$4) or (anneal\$4		;
		or heat\$4 or treat\$4)) with (oxygen or		
		"o.sub.2" or "o" or hydrogen or "h.sub.2"		
		or "h" or fluorine or "f.sub.2" or "f" or		
		halogen)) same ((insulating or insulator		
		or ((aluminum oxide or "al.sub.2 o.sub.3"		
		or "al.sub.20.sub.3") or (oxide or dioxide		
		or "sio" or "sio.sub.2" or nitride or		
		<pre>"si.sub.3 n.sub.4" or "si.sub.3n.sub.4") or (copper near2 oxide))) with (sidewall</pre>		
		or wall or side or spacer) with (sidewall or wall or side or spacer)		
		or al or copper or cu or silicon or si or		
		polysi or polysilicon or (poly or		
		polycrystal\$4) adj2 (si or silicon)))		
-	225		USPAT;	2004/09/02 16:11
		silicon or si or polysi or polysilicon or	US-PGPUB;	
		(poly or polycrystal\$4) adj2 (si or	EPO; JPO;	
		silicon)) with ((oxidi\$5 or oxidat\$4 or	DERWENT;	
		nitridi\$4 or nitridat\$4 or nitrided or	IBM_TDB	
		hydrogenat\$4 or fluorinat\$4) or (anneal\$4		
		or heat\$4 or treat\$4)) with (oxygen or		•
		"o.sub.2" or "o" or hydrogen or "h.sub.2"		
		or "h" or fluorine or "f.sub.2" or "f" or		8-
		halogen)) same ((insulating or insulator		
		or ((aluminum oxide or "al.sub.2 o.sub.3"		
		or "al.sub.20.sub.3") or (oxide or dioxide or "sio" or "sio.sub.2" or nitride or		
		"si.sub.3 n.sub.4" or "si.sub.3n.sub.4")		
		or (copper near2 oxide))) with (sidewall		
		or wall or side or spacer) with (aluminum		
		or al or copper or cu or silicon or si or		
		polysi or polysilicon or (poly or		
		polycrystal\$4) adj2 (si or silicon)))) and		
		((aluminum or al or copper or cu or		
		silicon or si or polysi or polysilicon or		
		(poly or polycrystal\$4) adj2 (si or		
		silicon)) with (remov\$4 or etch\$4) with		
		(contact adj4 (opening or hole or		
	550	aperture)))	HODAM -	2004/00/00 16 17
-	552	438/666.ccls.	USPAT;	2004/09/02 16:17
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	27455	patterned adj3 (conductor or conductive or	USPAT;	2004/09/02 16:20
		metal or (aluminum or al or copper or cu	US-PGPUB;	
		or silicon or si or polysi or polysilicon	EPO; JPO;	
		or (poly or polycrystal\$4) adj2 (si or	DERWENT;	
		silicon)))	IBM_TDB	
-	2396779	transform\$4 or convert\$4	USPAT;	2004/09/02 16:20
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	

	\			· · · · · · · · · · · · · · · · · · ·
-	7255255	1 ,	USPAT;	2004/09/02 16:24
		nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4) or (anneal\$4 or heat\$4 or	EPO; JPO;	
		treat\$4) or (transform\$4 or convert\$4)	DERWENT;	
	ļ		IBM TDB	
_	2477	((oxidi\$5 or oxidat\$4 or nitridi\$4 or	USPAT;	2004/09/02 16:25
		nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4) or (anneal\$4 or heat\$4 or	EPO; JPO;	
		treat\$4) or (transform\$4 or convert\$4))	DERWENT;	
		1		
		with (patterned adj3 (conductor or	IBM_TDB	
		conductive or metal or (aluminum or al or		
		copper or cu or silicon or si or polysi or		
		polysilicon or (poly or polycrystal\$4)	}	
		adj2 (si or silicon)))		
-	559	(((oxidi\$5 or oxidat\$4 or nitridi\$4 or	USPAT;	2004/09/02 16:26
		nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4) or (anneal\$4 or heat\$4 or	EPO; JPO;	
		treat\$4) or (transform\$4 or convert\$4))	DERWENT;	
		with (patterned adj3 (conductor or	IBM TDB	
		conductive or metal or (aluminum or al or	1011_1010	
		copper or cu or silicon or si or polysi or		
		polysilicon or (poly or polycrystal\$4)		
		adj2 (si or silicon)))) and (contact adj4		
		(opening or hole or aperture))		
-	190	438/635.ccls.	USPAT;	2004/09/03 15:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1984	438/637.ccls.	USPAT;	2004/09/03 15:04
			US-PGPUB;	
			EPO; JPO;	
			· · · · · · · · · · · · · · · · · · ·	
			DERWENT;	
	00716		IBM_TDB	
_	28716		USPAT;	2004/09/03 17:41
		or sub?lithograph\$8	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	6152289	opening or hole or aperture or via	USPAT;	2004/09/03 17:42
			US-PGPUB;	
į			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1092	(submicron or sublithograph\$8 or	USPĀT;	2004/09/03 17:42
	1032	submi?cron or sub?lithograph\$8) near5	US-PGPUB;	2004/03/03 17:42
		·		
		(opening or hole or aperture or via)	EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	0004/00/00 57 55
–	559		USPAT;	2004/09/03 17:45
		submi?cron or sub?lithograph\$8) near4 (via	US-PGPUB;	
		or (contact adj2 (opening or hole or	EPO; JPO;	j
		aperture)))	DERWENT;	
			IBM_TDB	
-	7981879	sidewall or wall or side or spacer or edge	USPĀT;	2004/09/03 17:46
			US-PGPUB;	
			EPO; JPO;	!
			DERWENT;	
			IBM TDB	
_	408	((submicron or sublithograph\$8 or	USPAT;	2004/09/03 17:47
	001	submi?cron or sub?lithograph\$8) near4 (via	US-PGPUB;	2004/03/03 11.47
		,		
1		or (contact adj2 (opening or hole or	EPO; JPO;	
		aperture)))) and (sidewall or wall or side	DERWENT;	
	_	or spacer or edge)	IBM_TDB	0004/00/00
-	1	6441430.pn.	USPAT	2004/09/06 14:18
-	2	6441430.pn.	USPAT;	2004/09/06 14:18
			US-PGPUB;	
			EPO;	
			DERWENT	<u> </u>
				

_	918	438/95.ccls.	USPAT; US-PGPUB;	2004/09/06 14:20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3056117	oxidi\$5 or oxidat\$4 or nitridi\$4 or	USPAT;	2004/09/06 14:22
		nitridat\$4 or nitrided or hydrogenat\$4 or fluorinat\$4 or transform\$4 or convert\$4	US-PGPUB; EPO; JPO;	
		Liuorinat94 of transform94 of convert94	DERWENT;	
			IBM TDB	
_	214	438/95.ccls. and (oxidi\$5 or oxidat\$4 or	USPAT;	2004/09/06 14:22
		nitridi\$4 or nitridat\$4 or nitrided or	US-PGPUB;	
		hydrogenat\$4 or fluorinat\$4 or transform\$4	EPO; JPO;	
		or convert\$4)	DERWENT; IBM TDB	
_	727	438/595.ccls.	USPAT;	2004/09/06 15:16
		.50,050.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	4171		IBM_TDB	2004/00/06 15.17
_	4171	dummy near6 gate	USPAT; US-PGPUB;	2004/09/06 15:17
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	34	438/595.ccls. and (dummy near6 gate)	USPAT;	2004/09/06 15:36
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2255	dummy adj3 gate	USPĀT;	2004/09/06 15:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	922520	oxidi\$5 or oxidat\$4 or nitridi\$4 or	USPAT;	2004/09/06 15:37
		nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4	EPO; JPO;	
			DERWENT; IBM TDB	
_	5307156	aluminum or al or copper or cu or silicon	USPAT;	2004/09/06 15:38
		or si or polysi or polysilicon or (poly or	US-PGPUB;	
		polycrystal\$4) adj2 (si or silicon)	EPO; JPO;	
			DERWENT;	
_	270947	lovidiss or ovidated or nitridish or	IBM_TDB USPAT;	2004/09/06 15:39
-	2/094/	(oxidi\$5 or oxidat\$4 or nitridi\$4 or nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	2004/09/00 13.39
		fluorinat\$4) same (aluminum or al or	EPO; JPO;	
		copper or cu or silicon or si or polysi or	DERWENT;	
		polysilicon or (poly or polycrystal\$4)	IBM_TDB	
1_	589	adj2 (si or silicon)) (dummy adj3 gate) and ((oxidi\$5 or	USPAT;	2004/09/06 15:39
-	289	oxidat\$4 or nitridi\$4 or nitridat\$4 or	US-PGPUB;	2004/09/00 13.39
		nitrided or hydrogenat\$4 or fluorinat\$4)	EPO; JPO;	
		same (aluminum or al or copper or cu or	DERWENT;	
		silicon or si or polysi or polysilicon or	IBM_TDB	
		(poly or polycrystal\$4) adj2 (si or silicon)))		
_	7284121	sidewall or wall or side or spacer	USPAT;	2004/09/06 15:40
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	555	((dummy adj3 gate) and ((oxidi\$5 or	IBM_TDB USPAT;	2004/09/06 15:40
		oxidat\$4 or nitridi\$4 or nitridat\$4 or	US-PGPUB;	2003,00,00 10.40
		nitrided or hydrogenat\$4 or fluorinat\$4)	EPO; JPO;	
		same (aluminum or al or copper or cu or	DERWENT;	
		silicon or si or polysi or polysilicon or	IBM_TDB	
		<pre>(poly or polycrystal\$4) adj2 (si or silicon)))) and (sidewall or wall or side</pre>		
		or spacer)		
<u> </u>			· —	· · · · · · · · · · · · · · · · · · ·

· · · · · · · · · · · · · · · · · · ·	100000		LIODAG	2004/00/00 35 45
-	187590	(oxidi\$5 or oxidat\$4 or nitridi\$4 or	USPAT;	2004/09/06 15:41
		nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4) with (aluminum or al or	EPO; JPO;	
		copper or cu or silicon or si or polysi or	DERWENT;	
		polysilicon or (poly or polycrystal\$4)	IBM_TDB	
		adj2 (si or silicon))		
-	508		USPAT;	2004/09/06 15:44
		nitridat\$4 or nitrided or hydrogenat\$4 or	US-PGPUB;	
		fluorinat\$4) with (aluminum or al or	EPO; JPO;	
		copper or cu or silicon or si or polysi or	DERWENT;	
		polysilicon or (poly or polycrystal\$4)	IBM_TDB	
		adj2 (si or silicon))) and (dummy adj3		
		gate)		
-	1900986	wire or interconnect\$4	USPAT;	2004/09/06 15:46
			US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	68225	dummy	USPAT;	2004/09/06 15:47
		_	US-PGPUB;	ł
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	358	(aluminum or al or copper or cu or silicon	USPAT;	2004/09/06 15:47
		or si or polysi or polysilicon or (poly or	US-PGPUB;	
		polycrystal\$4) adj2 (si or silicon)) with	EPO; JPO;	
		(wire or interconnect\$4) with dummy	DERWENT;	
			IBM TDB	
-	2635131	contact adj3 (opening or hole or aperture)	USPAT;	2004/09/06 15:48
		or via	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	193	((aluminum or al or copper or cu or	USPAT;	2004/09/06 15:49
		silicon or si or polysi or polysilicon or	US-PGPUB;	
		(poly or polycrystal\$4) adj2 (si or	EPO; JPO;	
		silicon)) with (wire or interconnect\$4)	DERWENT;	
		with dummy) and (contact adj3 (opening or	IBM TDB	
		hole or aperture) or via)	_	
	1		· · · · · · · · · · · · · · · · · · ·	